

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	21	("3589294" "4632032" "5460093" "5526460" "5734258" "5835328" "5995724" "5631793" "6192802" "6374741").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 11:21
S2	28	"6,249,410"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 12:07
S3	32957	10/521, "955"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 12:13
S4	1	10/521,955	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 12:08
S5	111	(reactive adj material or squib or detonator) and esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 12:15
S6	46	detonator and esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 12:15
S7	26	detonator same esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 12:15
S8	4	detonator same esd and clamp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 12:16

## EAST Search History

S9	5	detonator and esd and clamp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 12:25
S10	24	("2459556"   "4136617"   "4145970"   "4233673"   "4445435"   "4487125"   "4496010"   "4527636"   "4577561"   "4586437"   "4632031"   "4646640"   "4674047"   "4708060"   "4712477"   "4730558"   "4819560"   "4825765"   "4843964"   "4869170"   "4893564"   "4984519"   "5117756").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 12:18
S11	9	(detonator or squib) and esd and clamp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:19
S12	28	"6,249,410"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:34
S13	107	esd and timer and clamp and microsecond	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:34
S14	13	esd and clamp and timer same microsecond	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:37
S15	0	esd and clamp and timer same bipolar near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:37

## EAST Search History

S16	35	esd and clamp and timer and bipolar near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:42
S17	592	esd and clamp\$3 and tim\$3 and bipolar near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:42
S18	36	esd and clamp\$3 and timer and bipolar near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:44
S19	294	esd and clamp\$3 same bipolar near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:45
S20	294	esd and clamp\$3 same bipolar near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:45
S21	1	esd and clamp\$3 same bipolar near transistor and timer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:46
S22	0	esd and clamp\$3 same timer same bipolar near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:46
S23	0	esd and clamp\$3 same (timer timing) same bipolar near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:47

## EAST Search History

S24	0	esd and clamp\$3 same (timer timing) same bipolar near3 transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:47
S25	0	esd and clamp\$3 same (timer timing) same bipolar with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:47
S26	31	esd and (timer timing) same bipolar with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:52
S27	21	adey and scr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:53
S28	0	(adey).in. and scr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:54
S29	0	(adey).in. and scr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:54
S30	1138	esd and scr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:01
S31	150	avery and esd and scr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:02

## EAST Search History

S32	1	avery and esd and timer and scr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:02
S33	14	avery and esd and timer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:19
S34	2981	(avery).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:19
S35	51	(avery).in. and scr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:20
S36	28	(avery).in. and scr and tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:20
S37	13	(avery).in. and esd and scr and tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 15:48
S38	7	squib and shell with reactive near material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 16:25
S39	17	(squib detonat\$3) and shell with reactive near material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 16:25

## EAST Search History

S40	9	(squib detonat\$3) and shell with reactive near material and leads	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 16:43
S41	17	"6,192,802"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:24
S42	701	361/91.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 17:24
S43	2650	361/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/19 11:15
S44	0	"361""."111".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/19 12:08
S45	1831	"361/111".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/19 12:08
S46	8	"4,632,032"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:33
S47	9	("3548749"   "3908551"   "3952660"   "4119038"   "4240350"   "4421029"   "4473759"   "4493259").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 15:12

## EAST Search History

S48	7	"5,877,927"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:37
S49	1	10/521,955	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:58
S50	47	detonator and esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 20:42
S51	33	"6,173,651"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 21:07
S52	1	10/521,955	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 21:04
S53	12	"3,548,749"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 21:21
S54	0	detonator and timer with bipolar near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 21:22
S55	25	detonator and timer with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 21:22

## EAST Search History

S56	33	"6,173,651"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:06
S57	11	"4,882,993"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:06
S58	0	detonantor with delay with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:23
S59	11	detonator with delay with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:57
S60	32	"6,249,410"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:23
S61	33	"6,173,651"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:26
S62	1	10/521,955	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:58
S63	20	detonator with (over adj voltage over-voltage overvoltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:59



## EAST Search History

S64	1108	esd with transistor with diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 15:41
S65	36	esd with transistor with diode near (detect\$3 trigger\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 15:41
S66	30	"5,341,005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:04
S67	136	detonator and transistor and timer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 20:55
S68	5	detonator with transistor with timer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 21:08
S69	11	detonator same transistor with timer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 21:17
S70	1	10/521,955	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 21:09
S71	25	detonator and transistor with timer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 21:17

## EAST Search History

S72	8	detonator and transistor with timer and transient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 21:18
S73	137	detonator with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 22:16
S74	5	detonator with transistor with timer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 22:17
S75	11	detonator same transistor with timer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 22:17
S76	10	detonator same transistor with power near supply	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 22:25
S77	25	detonator same transistor same power near supply	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/16 22:32
S78	1	10/521,955	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:13
S79	215729	initiator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:15

## EAST Search History

S80	91	esd with rc with clamp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:44
S81	32	esd with rc near3 clamp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:44
S82	7	"5,877,927"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:35
S83	49	"4,712,477"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:37
S84	15	"6,192,802"	USPAT	OR	OFF	2008/01/25 10:46